AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application.

1-29. Cancelled

30. (Currently Amended) An automated speech recognition filter, comprising:

means for determining one or more models representative of a signal degradation of ~~a first~~ a spoken speech signal transmitted from a transceiver to said automated speech recognition filter,

wherein the one or more models ~~includes~~ include at least one of a transceiver reception model, a wireless transmission model, a wireless reception model, a wireline transmission model, a wireline reception model, and a vehicle acoustical model; and

means for providing a second speech signal as a function of the one or more models, the second speech signal being an approximation of the ~~first~~ spoken speech signal.

31. (Previously Presented) An automated speech filtering device, comprising:

means for determining one or more models representative of a signal degradation of a first speech signal transmitted from a transceiver to said automated speech recognition filtering device,

wherein the one or more models includes at least one of a transceiver reception model, a wireless transmission model, a wireless reception model, a wireline transmission model, a wireline reception model, and a vehicle acoustical model;

means for providing a second speech signal as a function of one or more models, the second speech signal being an approximation of the first speech signal; and

a database operable to store a user profile corresponding to the first set of one or more models.

32. (Previously Presented) An automated speech recognition system, comprising:

means for determining one or more models representative of a signal degradation of a first speech signal transmitted from a transceiver to said automated speech recognition system,

wherein one ore more models includes at least one of a transceiver reception model, a wireless transmission model, a wireless reception model, a wireline transmission model, a wireline reception model, and a vehicle acoustical model;

means for providing a second speech signal as a function of the one or more models, the second speech signal being an approximation of the first speech signal; and

an automated speech recognition platform operable to provide an audio signal in response to a reception of the second speech signal, the audio signal corresponding to a context of the first speech signal.

33. (Previously Presented) An automated speech recognition filtering method, comprising:

determining one or more models representative of a signal degradation of a first speech signal transmitted from a transceiver,

wherein the one or more models includes at least one of a transceiver reception model, a wireless transmission model, a wireless reception model, a wireline transmission model, a wireline reception model, and a vehicle acoustical model; and

providing a second speech signal as a function of the one or more models, the second speech signal being an approximation of the first speech signal.

34. (Currently Amended) An automated speech recognition filtering device, comprising:

a database operable to store a user profile corresponding to a transceiver, the user profile including ~~a first variable indicative of an identification of~~ at least four parameters n, m, j, and i related to the transceiver or its environment; and

an automated speech recognition filter operable to determine a transceiver transmission model and a transceiver reception model in response to ~~a reception of the first variable~~ the user profile, the transceiver transmission model being representative of a first signal degradation on a first speech signal by the transceiver, the transceiver reception model being representative of a second signal degradation of the first speech signal by the transceiver, the speech recognition filter implementing a filter routine

$$J_{tl}(z,\ i,\ j,\ m,\ n)[k] = \frac{T_4[k] - (P_{tJ} * P_{rJ} * R_1[k])}{P_{tJ} * A_u^n * T_4[k]}$$ relative to a speech signal U[k], wherein

$P_{t1}=C_t^m*W_t^j*F_t^i$, $P_{r1}=A_r^n*C_r^m*W_r^j*F_r^i$, $T_4[k]$ is a transmission signal, $R_1[k]$ is an audio signal, and z is a frequency domain operator.

35. (Previously Presented) The automated speech recognition filtering device of claim 34, further comprising:

a noise discrimination module operable to provide a noise discrimination signal in response to a reception of the first speech signal by said automated speech recognition filtering device,

wherein said automated speech recognition filter is further operable to provide a second speech signal as a function of the transceiver transmission model and the noise discrimination signal.

36. (Previously Presented) The automated speech recognition filtering device of claim 34, further comprising:

a noise discrimination module operable to provide a noise discrimination signal in response to a reception of the first speech signal by said automated speech recognition filtering device,

wherein said automated speech recognition filter is further operable to receive an audio signal from an automated speech recognition platform, and

wherein said automated speech recognition filter is further operable to provide a second speech signal as a function of the transceiver transmission model, the noise discrimination signal, and the audio signal.